

AMENDMENT UNDER 37 C.F.R. § 1.116  
U.S. Application No.: 09/319,384

C<sup>1</sup>  
cont pH on an alkaline side not lower than pH 7.5 when activity is measured using syringaldazine, and a lignosulfonic acid or lignosulfonate as a substrate therefor.

C<sup>2</sup> 5. (amended) The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the substrate for the enzyme comprises lignosulfonic acid or lignosulfonate obtainable by removing a portion of a water insoluble solid component of waste pulp liquors by centrifugation or filtration.

7. (twice amended) The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the composition contains an unsaturated fatty acid, an unsaturated alcohol or an unsaturated alkyl compound.

C<sup>3</sup> Sub 2 8. (twice amended) The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the composition contains at least one chemical agent selected from a fragrant, a deodorant, a rust preventive, a flame retardant, an antibacterial agent, an antiseptic, a sanitizer, an insect-repellent, an antiviral agent, and an organism repellent.

C<sup>4</sup> 9. (amended) The composition for injection treatment of wood for preservation as claimed in claim 8, wherein the chemical agent is a solution or powder of a metal salt, a metal compound, or a metal complex.

Sub 3 10. (amended) The composition for injection treatment of wood for preservation as claimed in claim 9, wherein the metal is at least one metal selected from copper, arsenic, zinc, chromium, nickel, aluminum, molybdenum, magnesium, or silver.

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11. (amended) The composition for injection treatment of wood for preservation as claimed in claim 8, wherein the chemical agent is a solution or powder of a boron salt, a boron based compound, or a boron-containing complex.

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dent.  
12. (amended) The composition for injection treatment of wood for preservation as claimed in claim 8, wherein the chemical agent is an extract or extracted component from a plant, or a synthetic compound having a chemical agent structure the same as that of the extracted component from the plant.

13. (amended) The composition for injection treatment of wood for preservation as claimed in claim 12, wherein the extracted component from a plant or the synthetic compound having a chemical agent structure the same as that of the extracted component from the plant comprises tropolones, monoterpenes, sesquiterpenes, polyphenols, naphthalene derivatives, long chain aliphatic alcohols, aldehydes, or allyl isothiocyanate.

14. (amended) The composition for injection treatment of wood for preservation as claimed in claim 8, wherein the chemical agent is an aromatic compound or a cyclic compound, having one or more substituent(s) selected from a hydroxyl group, an amino group, a halogen atom, and a nitro group.

15. (amended) The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the enzyme having a polyphenol oxidizing activity is a catechol oxidase, a laccase, a polyphenol oxidase, an ascorbic acid oxidase, or a bilirubin oxidase.

16. (amended) The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the enzyme having a polyphenol oxidizing

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date: activity is a mixture of an enzyme having a peroxidase activity and an oxidase capable of producing hydrogen peroxide.

17. (amended) The composition for injection treatment of wood for preservation as claimed in claim 1, 15 or 16, wherein the enzyme having a polyphenol oxidizing activity is an enzyme obtainable by cultivating genus *Myrothecium*.

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C5 19. (amended) The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the composition is in the form of a solution to be diluted upon use, or powder or granulated powder to be dissolved upon use.

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